|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Colour of cellophane paper | Green | | | Yellow | | | White (sunlight) | | | Average | | |
|  | 1st trial | 2nd trial | 3rd trial | 1st trial | 2nd trial | 3rd trial | 1st trial | 2nd trial | 3rd trial | Green | Yellow | White |
| Day 1 | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.4 | 0.2 | 0.2 | 0.7 | 0.1 | 0.9 |
| Day 2 | 4.0 | 1.0 | 0.8 | 0.1 | 0.2 | 0.2 | 3.0 | 0.9 | 3.0 | 1.9 | 0.2 | 2.3 |
| Day 3 | 4.5 | 1.5 | 3.0 | 1.5 | 1.0 | 0.8 | 5.0 | 2.0 | 6.0 | 3.0 | 3.3 | 4.3 |
| Day 4 | 5.5 | 4.0 | 3.0 | 2.3 | 2.2 | 1.6 | 5.8 | 3.9 | 8.0 | 4.0 | 2.0 | 5.9 |
| Day 5 | 7.0 | 5.5 | 3.5 | 3.5 | 3.0 | 2.0 | 6.0 | 5.5 | 9.0 | 5.3 | 2.8 | 6.8 |
| Day 6 | 10.0 | 5.8 | 6.0 | 9.0 | 6.0 | 5.0 | 10.0 | 6.5 | 7.0 | 7.3 | 6.7 | 7.8 |
| Day 7 | 16.0 | 9.0 | 8.5 | 15.0 | 8.0 | 9.0 | 18.0 | 11.0 | 10.5 | 11.2 | 10.6 | 13.2 |

From the table, it is observed that the height of the green bean seedlings (growth of the plants) varies with the colour of the light it is exposed to. A possible explanation is that different coloured lights have different wavelengths and plants react differently to different wavelengths, for example, by increased growth.